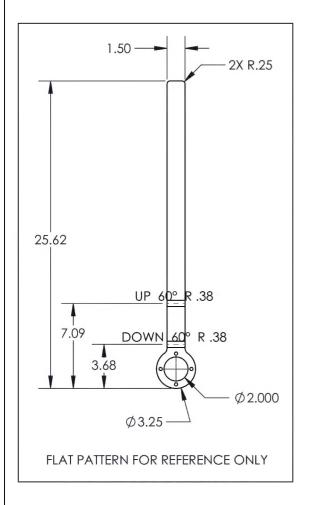
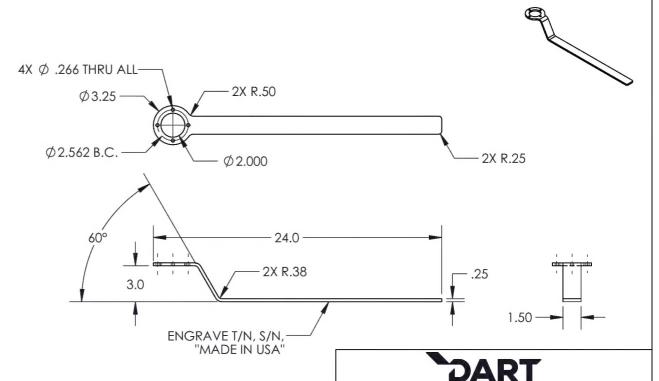
		- 40			1				REVISIONS				
This d Dart A	rawing, spe erospace,	ecification	ons, and y not be	concepts reproduc	s contained here in are the sole property of sed or used in any fashion without the Eugene, OR.	REV	ECR	DE	ESCRIPTION		DATE	INITIAL	APPROVE
prior w	vritten perm	nission o	or Dart Ae	erospace	e Eugene, OK.	1		NOTES ADDED: BEND HOT & ALTERNATE: MAR	k text on both sid	Ξ S.	2/3/2004		
						1A		CH'D TITLEBLOCK & REVISION BLOCK, CH'D RE ENGRAVE NOTE, ADDED RED HEAT SHRINK TO		HABETICAL TO NUMERICAL, ADDED	1/21/2010	RJC	RW
						1B		CH'D -1 B/O INFORMATION FROM 1/4 X 3-1/8	X 25-1/2 PER E.B.		8/1/2011	RJC	DW
				1C		ADDED TOOLING HOLE NOTE TO Ø.250 X2 HC	DLE CALLOUT.		1/2/2013	BIM	GE		
						2	16-0198	UPDATED TO NEW DRAFTING STANDARD1 D TOOLING HOLES IF NEEDED NOTE & HOLES, AL 3.63 IS 3.68, WAS 6.9 IS 7.09, WAS Ø.250 X4 ON BENDING 25.57 IS 25.62, WAS AFTER BENDING FOR HANDLE, USE 2" FEMALE DIE 1/2" RADIUS / CRACKING, DELETED NOTE: ENSURE TEXT IS ON TEXT ON BOTH SIDES.	DDED DIM 2X R.38, C N 2.562 BC IS 4X Ø.26 24.0 IS 24.0, DELETEI MALE DIE NO DIE MA	CH'D DIM'S WAS .250 IS .25, WAS 66 THRU ALL, WAS BEFORE D NOTE 1/16 CHAMFER OR RADIUS RKS BEND HOT TO AVOID	10/31/2016	RJC	JAG
			4X (-5 -1 -3									
()@					6.0	TITLE CO DWG NO. MAT'L	UPLING HOLDING RBT1890	O UNLESS OTHE	RWISE SF	REV 2
	0	•			Description	Matorial			DWG NO. MAT'L HEAT FINISH SPEC	RBT1890	UNLESS OTHE DIMENSIONS ± .005 FRA ± .01 ± .1	RWISE SF GARE IN II CTIONS ± ANGLES : SURFACE P EDGES	ECIFIED ICHES 1/8
	((•	Part #		Description	Maferial		6.0 B/O INFORMATION OR SPECIFICATIONS	DWG NO. MAT'L HEAT FINISH SPEC PG. DRAWN BY:	RBT189C	UNLESS OTHE DIMENSIONS ± .005 FRA ± .01 ± .1 = AK ALL SHAR × 45° OR .015	RWISE SF 3 ARE IN II 3 CTIONS ± 4 ANGLES : 5 SURFACE P EDGES	REV 2 ECIFIED ICHES 1/8 .5° S = 125/
ASSY QTY	0	•			Description	Material A36/1018/1020 HR			DWG NO. MAT'L HEAT TREAT FINISH SPEC PG. DRAWN BY: CHECKED:	RBT189C	UNLESS OTHE DIMENSIONS ± .005 FRA ± .01 ± .1 = AK ALL SHAR × 45° OR .015	RWISE SF 3 ARE IN II 3 CTIONS ± 4 ANGLES : 5 SURFACE P EDGES	REV 2 ECIFIED ICHES 1/8 .5° S = 125/
	0	•	Part #	UNIT			1/4-20)	B/O INFORMATION OR SPECIFICATIONS	DWG NO. MAT'L HEAT TREAT FINISH SPEC PG. DRAWN BY: CHECKED:	RBT189C .xxx .xx .xx .xx .xx .xx .xx .xx .xx	UNLESS OTHE DIMENSIONS ± .005 FRA ± .01 ± .1 ± .1 AK ALL SHAR × 45° OR .015i ER PLATING ER PLATING ER PLATING ER PLATING	RWISE SF GARE IN II CCTIONS ± ANGLES : SURFACE P EDGES R IITS APPL ND TOL P	REV 2 ECIFIED ICHES 1/8 .5° S = 125/
	0	B/O B/O	Part # -1 -3	UNIT QTY 1 4	WRENCH HEX HEAD CAP SCREW	A36/1018/1020 HR STEEL	1/4-20	B/O INFORMATION OR SPECIFICATIONS X 3/4 (MCMASTER-CARR #92865A540)	DWG NO. MAT'L HEAT TREAT FINISH SPEC PG. DRAWN BY: CHECKED: 2 OPPS APPR	RBT189C .xxx .xx .xx 1. BRE .015 .015 .2. DIM DUERFELDT .3. INTE ASM LINDSAY	UNLESS OTHE DIMENSIONS ± .005 FRA ± .01 ± .1 ± .1 ± .1 ENSIONAL LING ENSIONAL LING ER PLATING ER PLATING ER PLATING USED 0	RWISE SE S ARE IN II CCTIONS ± ANGLES : SURFACE P EDGES R IITS APPL ND TOL P	REV 2 ECIFIED ICHES 1/8 .5° S = 125/
	0	8 /O	Part #	UNIT QTY 1	WRENCH	A36/1018/1020 HR	1/4-20	B/O INFORMATION OR SPECIFICATIONS X 3/4 (MCMASTER-CARR #92865A540)	DWG NO. MAT'L HEAT TREAT FINISH SPEC DRAWN BY: CHECKED: 2 OPPS APPR 1 QA APPR:	RBT189C .xxx .xx .xx .xx .xx 1. BRE .015 .015 .015 .015 .1 ANDERSON .1 INTE	UNLESS OTHE DIMENSIONS ± .005 FRA ± .001 ± .1 ± .1 ± .1 × .45 OR .015! ENPLET DIM A ER PLATING ERPLET DIM A EY 14.5M-2005 USED 0	RWISE SF GARE IN II CCTIONS ± ANGLES : SURFACE P EDGES R IITS APPL ND TOL P	REV 2 ECIFIED ICHES 1/8 .5° S = 125/

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		revisions			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		notes added; bend hot & alternate; mark text on both sides,	2/3/2004		
1A		ADDED ENGRAVE NOTE.	1/21/2010	RJC	RW
1C		ADDED TOOLING HOLE NOTE TO Ø.250 X2 HOLE CALLOUT.	1/2/2013	BIM	GE
2	16-0198	-1 DELETED DIM'S 11.575, 10.30, 18.63, DELETED Ø.250 X2 TOOLING HOLES IF NEEDED NOTE & HOLES, ADDED DIM 2X R.38, CH'D DIM'S WAS .250 IS .25, WAS 3.63 IS 3.68, WAS 6.9 IS 7.09, WAS Ø.250 X4 ON 2.562 BC IS 4X Ø.266 THRU ALL, WAS BEFORE BENDING 25.5 7 IS 25.62, WAS ATTER BENDING 24.0 IS 24.0, DELETED NOTE 1/16 CHAMFER OR RADIUS FOR HANDLE, USE 2" FEMALE DIE 1/2" RADIUS MALE DIE NO DIE MARKS BEND HOT TO AVOID CRACKING, DELETED NOTE: ENSURE TEXT IS ON PROPER SIDE BEFORE BENDING ALTERNATE: MARK TEXT ON BOTH SIDES.	10/31/2016	RJC	JAG





(-1)

WRENCH

COUPLING HOLDING WRENCH

RBT18900-1

MAT'L A36/1018/1020 HR UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
.XXX ± .010 FRACTIONS ± 1/8
.XX ± .03 ANGLES ±1° TREAT FINISH BLACK ZINC .XX ± .03 SURFACES = 125/ SPEC ASTM B633 TYPE II SC 2 1. BREAK ALL SHARP EDGES .015 x 45 'OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY USED ON MODEL APPROVED: GILBERT MD NOTAR DATE 10/31/2016 SCALE SHEET 2 OF 2 1:8